

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/004334

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 C07C259/10 C07C233/80 C07C259/06 A61K31/167 A61P35/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C07C A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category | Citation of document, with indication, where appropriate, of the relevant passages                                                                                                              | Relevant to claim No. |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| X        | EP 0 382 076 A (BASF AG)<br>16 August 1990 (1990-08-16)<br>Claim 1; page 10, compounds 59-61.<br>-----                                                                                          | 1, 15-17,<br>20, 21   |
| X        | WO 97/33856 A (BERNARDON JEAN MICHEL ;<br>CIRD (FR)) 18 September 1997 (1997-09-18)<br>Claim 1; page 38, lines 39-41.<br>-----                                                                  | 1, 15-17,<br>21       |
| X        | WO 02/098363 A (IATSIMIRSKAIA EUGENIA A ;<br>PADERES GENEVIEVE D (US); RAJAPAKSE RANJAN<br>J) 12 December 2002 (2002-12-12)<br>Claim 1; examples e.g. A8, A9, A11, A13,<br>etc.<br>-----<br>-/- | 1, 15-18,<br>20, 21   |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

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Date of the actual completion of the International search

Date of mailing of the International search report

15 April 2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages                                                                                                                                                         | Relevant to claim No. |
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| X        | ZACHEIS, D. ET AL.: "Heteroarotinoids Inhibit Head and Neck Cancer Cell Lines<br>" J. MED. CHEM., vol. 42, 1999, pages 4434-4445, XP002278654 Page 4435, compound 6.                                                                       | 1, 15-17,<br>20, 21   |
| X,Y      | WO 02/22577 A (NOVARTIS ERFIND VERWALT GMBH ; NOVARTIS AG (CH); BAIR KENNETH WALTER () 21 March 2002 (2002-03-21) Claim 1, examples.                                                                                                       | 1-21                  |
| Y        | WO 01/38322 A (METHYLGENE INC) 31 May 2001 (2001-05-31) Abstract, claims.                                                                                                                                                                  | 1-21                  |
| Y        | LAVOIE R ET AL: "Design and synthesis of a novel class of histone deacetylase inhibitors" BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, OXFORD, GB, vol. 11, no. 21, 2001, pages 2847-2850, XP002954135 ISSN: 0960-894X Abstract, compounds 4. | 1-21                  |

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Information on patent family members

Intern I Application No

PCT/IB2004/004334

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